

File Name: /home/hanrich/data/data/ad9887A/char_skew/skew1_25C/3.3V_25C_all_skews_ad9887A_01_di_chara_032463.stdf
 Lot ID: skew1_25C_skew3_25C_skew5_25C_skew7_25C_skew9_25C_skew11_25C_skew0_25C
 Port type: ad9887AK5_01_di_chara
 Job name: /eng/prh/ad9887A/ad9887A_di_chara/rev.1_handler_9887A_chara.load
 Operator name: eng
 Node name: hsc1
 Test card type: CTS 5340
 Software Revision: cts_1.1c
 Handler type:
 DIB ID:
 Prober ID (DUT card ID):
 Test mode: E
 Job setup time: Fri Mar 21 17:12:00 2003
 First test time: Fri Mar 21 17:12:10 2003
 Last test time: Wed Dec 31 19:00:00 1969

Total Number of Devices = 388

Software Binning

Bin	Total	% of Devices
6	8	2.1
10	358	92.3
40	22	5.7

Hardware Binning

Bin	Total	% of Devices
6	8	2.1
10	358	92.3
40	22	5.7

Test #	Test Name	Execs	Fails	Tst Yld %	Tot Yld %	Cum Yld %	Lo-Lim	Hi-Lim	Units
1	board_id	388	0	100.00	100.00	97.00	> -0.500	< 255.000	
2	dut_skew	388	0	100.00	100.00	97.00	> -1.000	< 1.000	
3	dut_skew	388	0	100.00	100.00	97.00	> -1.000	< 125.000	
4	dut_skew	388	0	100.00	100.00	97.00	> -1.000	< 100.000	
5	dut_supply	388	0	100.00	100.00	97.00	> -2.000	< 4.000	
6	part_no	388	0	100.00	100.00	97.00	> 0.000	< 40.000e-03	
7	acknowledge	388	10	97.42	97.50	94.50	> 0.000	< 0.000	
8	I2C_rise_fall	388	0	100.00	100.00	97.00	> 0.000	< 100.000	
9	total_I2C_fails	388	0	100.00	100.00	97.00	> 0.000	< 0.000	
10	sdsd_rise_setup	388	0	100.00	100.00	97.00	> -1.000	< 2.000	S
11	sdcfail_hold	388	0	100.00	100.00	97.00	> -1.000	< 2.000	S
12	dvdsda_rise_setup	388	0	100.00	100.00	97.00	> -1.000	< 2.000	S
13	dvdsda_fail_hold	388	0	100.00	100.00	97.00	> -1.000	< 2.000	S
14	dvdsda_rise_hold	388	0	100.00	100.00	97.00	> -1.000	< 2.000	S
15	sdsd_rise_hold	388	0	100.00	100.00	97.00	> 0.000	< 2.000	S
16	dvdsda_rise_hold	388	0	100.00	100.00	97.00	> -1.000	< 2.000	S
17	dvdsda_rise_hold	388	0	100.00	100.00	97.00	> -1.000	< 2.000	S
18	lat_edge_r_170	388	0	100.00	100.00	97.00	> 0.000	< 1.000e-06	
19	hsync_edge_r_170	388	0	100.00	100.00	97.00	> 0.000	< 1.000e-06	
20	target_code_r_170	388	0	100.00	100.00	97.00	> 0.000	< 2.000e-06	
21	target_code_r_170	388	0	100.00	100.00	97.00	> 0.000	< 256.000	
22	min_code_r_170	388	0	100.00	100.00	97.00	> 0.000	< 256.000	
23	target_code_g_170	388	0	100.00	100.00	97.00	> 0.000	< 256.000	
24	min_code_g_170	388	0	100.00	100.00	97.00	> 0.000	< 0.256e-06	
25	min_code_g_170	388	0	100.00	100.00	97.00	> 0.000	< 256.000	
26	target_code_b_170	388	0	100.00	100.00	97.00	> 0.000	< 256.000	
27	min_code_b_170	388	0	100.00	100.00	97.00	> 0.000	< 0.256e-06	
28	min_code_b_170	388	0	100.00	100.00	97.00	> 0.000	< 256.000	
29	pump_set_300_20	388	0	100.00	100.00	97.00	> 0.000	< 500.000	
30	trailing_edge_33_20	388	339	12.63	15.25	12.25	> 0.000	< 18.000	
31	status_cnr_33_20	388	0	100.00	100.00	97.00	> 0.000	< 100.000	
32	di_dots_r_fren_1x_20	388	0	100.00	100.00	97.00	> 0.000	< 0.000	
33	di_dots_g_fren_1x_20	388	53	46.24	86.75	83.75	> 0.000	< 0.000	
34	di_r_count_20	388	0	100.00	100.00	97.00	> 0.000	< 0.000	
35	di_g_count_20	388	0	100.00	100.00	97.00	> 0.000	< 0.000	
36	di_b_count_20	388	0	100.00	100.00	97.00	> 0.000	< 0.000	
37	di_data_err300_20	388	0	100.00	100.00	97.00	> 0.000	< 500.000	
38	per_r_170	388	0	100.00	100.00	97.00	> 0.000	< 10.000	
39	trailing_edge_33_20	388	294	24.23	26.50	23.50	> 0.000	< 10.000	
40	status_cnr_33_20	388	0	100.00	100.00	97.00	> 0.000	< 100.000	
41	di_dots_g_fren_1x_20	388	0	100.00	100.00	97.00	> 0.000	< 0.000	
42	di_r_g_b_phase_20	388	98	74.74	75.50	72.50	> 0.000	< 0.000	
43	trailing_edge_33_20	388	0	100.00	100.00	97.00	> 0.000	< 0.000	
44	di_r_count_20	388	0	100.00	100.00	97.00	> 0.000	< 0.000	
45	di_b_count_20	388	0	100.00	100.00	97.00	> 0.000	< 0.000	
46	di_data_err250_20	388	0	100.00	100.00	97.00	> 0.000	< 500.000	
47	pump_set_200_20	388	0	100.00	100.00	97.00	> 0.000	< 10.000	
48	trailing_edge_33_20	388	233	39.95	41.75	38.75	> 0.000	< 10.000	
49	status_cnr_33_20	388	0	100.00	100.00	97.00	> 0.000	< 100.000	
50	di_dots_g_fren_1x_20	388	0	100.00	100.00	97.00	> 0.000	< 0.000	
51	di_r_g_b_phase_20	388	173	55.41	56.75	53.75	> 0.000	< 0.000	
52	di_r_count_20	388	388	0.00	3.00	0.00	> 0.000	< 0.000	

54	di_l_b_count_20	388	388	0.00	3.00	0.00	>	0.000	<	0.000
55	di_data_err200_20	388	388	0.00	3.00	0.00	>	0.000	<	0.000
56	pump_set_150_20	388	0	100.00	100.00	97.00	>	0.000	<	500.000
57	trail_edge_33_20	388	3	99.23	99.25	96.25	>	0.000	<	10.000
58	status_ctr_33_20	388	0	100.00	100.00	97.00	>	0.000	<	100.000
59	di_lodlk_freq1_1x_20	388	0	100.00	100.00	97.00	>	0.000	<	0.000
60	di_l_b_count_20	388	34	99.24	91.50	88.50	>	0.000	<	0.000
61	di_r_gb_phase_20	388	38	99.21	90.50	87.50	>	0.000	<	0.000
62	di_g_count_20	388	49	89.69	90.00	87.00	>	0.000	<	0.000
63	di_l_b_count_20	388	37	90.46	90.75	87.75	>	0.000	<	0.000
64	di_data_err150_20	388	44	88.66	89.00	85.00	>	0.000	<	0.000
65	pump_set_150_20	388	0	100.00	100.00	97.00	>	0.000	<	300.000
66	trail_edge_33_20	388	2	99.48	99.50	96.50	>	0.000	<	10.000
67	status_ctr_33_20	388	0	100.00	100.00	97.00	>	0.000	<	100.000
68	di_lodlk_freq1_1x_20	388	0	100.00	100.00	97.00	>	0.000	<	0.000
69	di_r_gb_phase_20	388	0	100.00	100.00	97.00	>	0.000	<	0.000
70	di_r_count_20	388	2	99.48	99.50	96.50	>	0.000	<	0.000
71	di_g_count_20	388	2	99.48	99.50	96.50	>	0.000	<	0.000
72	di_l_b_count_20	388	2	99.48	99.50	96.50	>	0.000	<	0.000
73	di_data_err100_20	388	2	99.48	99.50	96.50	>	0.000	<	0.000
74	pump_set_75_20	388	0	100.00	100.00	97.00	>	0.000	<	300.000
75	trail_edge_33_20	388	2	99.48	99.50	96.50	>	0.000	<	10.000
76	status_ctr_33_20	388	0	100.00	100.00	97.00	>	0.000	<	100.000
77	di_lodlk_freq1_1x_20	388	0	100.00	100.00	97.00	>	0.000	<	0.000
78	di_l_b_count_20	388	0	100.00	100.00	97.00	>	0.000	<	0.000
79	di_r_count_20	388	2	99.48	99.50	96.50	>	0.000	<	0.000
80	di_g_count_20	388	2	99.48	99.50	96.50	>	0.000	<	0.000
81	di_l_b_count_20	388	2	99.48	99.50	96.50	>	0.000	<	0.000
82	di_data_err75_20	388	2	99.48	99.50	96.50	>	0.000	<	0.000
83	pump_set_100_20	388	0	100.00	100.00	97.00	>	0.000	<	300.000
84	trail_edge_33_20	388	2	99.48	99.50	96.50	>	0.000	<	10.000
85	status_ctr_33_20	388	0	100.00	100.00	97.00	>	0.000	<	100.000
86	di_lodlk_freq1_1x_20	388	0	100.00	100.00	97.00	>	0.000	<	0.000
87	di_r_gb_phase_20	388	4	98.97	99.00	96.00	>	0.000	<	0.000
88	di_r_count_20	388	4	98.97	99.00	96.00	>	0.000	<	0.000
89	di_g_count_20	388	4	98.97	99.00	96.00	>	0.000	<	0.000
90	di_l_b_count_20	388	4	98.97	99.00	96.00	>	0.000	<	0.000
91	di_data_err50_20	388	5	98.45	98.50	95.50	>	0.000	<	0.000
92	pump_setting_25	388	0	100.00	100.00	97.00	>	0.000	<	300.000
93	trail_edge_33_25	388	0	100.00	100.00	97.00	>	0.000	<	10.000
94	status_ctr_33_25	388	0	100.00	100.00	97.00	>	0.000	<	100.000
95	di_lodlk_freq1_1x_25	388	0	100.00	100.00	97.00	>	0.000	<	0.000
96	di_lodlk_dc_25	388	0	100.00	100.00	97.00	>	0.000	<	75.000
97	di_lodlk_gb_dc_25	388	0	100.00	100.00	97.00	>	0.000	<	75.000
98	di_sync_rise_25	388	0	100.00	100.00	97.00	>	0.000	<	0.000
99	di_sync_fall_25	388	3	99.23	99.25	96.25	>	0.000	<	0.000
100	di_r_gb_phase_25	388	2	99.48	99.50	96.50	>	0.000	<	0.000
101	di_g_count_25	388	2	99.48	99.50	96.50	>	0.000	<	0.000
102	di_l_b_count_25	388	3	99.23	99.25	96.25	>	0.000	<	0.000
103	di_h_b_count_25	388	1	99.74	99.75	96.75	>	0.000	<	0.000
104	di_data_error_25	388	3	99.23	99.25	96.25	>	0.000	<	0.000
105	tx_current_volt_25	388	1	99.74	99.75	96.75	>	0.000	<	0.002
106	tx_volt_volt_25	388	0	100.00	100.00	97.00	>	0.000	<	4.000
107	tx_volt_volt_25	388	18	99.35	99.40	97.20	>	0.000	<	0.012
108	tx_volt_volt_25	388	0	100.00	100.00	97.00	>	0.000	<	4.000
109	pump_set_300_25	388	0	100.00	100.00	97.00	>	0.000	<	500.000
110	trail_edge_33_25	388	101	73.97	74.75	71.75	>	0.000	<	10.000
111	status_ctr_33_25	388	0	100.00	100.00	97.00	>	0.000	<	100.000
112	di_lodlk_freq1_1x_25	388	1	99.74	99.75	96.75	>	0.000	<	0.000
113	di_lodlk_gb_freq1_1x_25	388	20	99.23	99.25	96.25	>	0.000	<	0.000
114	di_r_count_25	388	0	3.00	3.00	0.00	>	0.000	<	0.000
115	di_g_count_25	388	0	3.00	3.00	0.00	>	0.000	<	0.000
116	di_l_b_count_25	388	0	3.00	3.00	0.00	>	0.000	<	0.000
117	di_data_err300_25	388	0	100.00	100.00	97.00	>	0.000	<	500.000
118	pump_set_150_25	388	75	80.57	81.25	78.25	>	0.000	<	10.000
119	trail_edge_33_25	388	0	100.00	100.00	97.00	>	0.000	<	10.000
120	status_ctr_33_25	388	0	100.00	100.00	97.00	>	0.000	<	10.000
121	di_lodlk_freq1_1x_25	388	0	100.00	100.00	97.00	>	0.000	<	0.000
122	di_r_gb_phase_25	388	316	18.56	21.00	18.00	>	0.000	<	0.000
123	di_r_count_25	388	388	0.00	3.00	0.00	>	0.000	<	0.000
124	di_g_count_25	388	388	0.00	3.00	0.00	>	0.000	<	0.000
125	di_l_b_count_25	388	388	0.00	3.00	0.00	>	0.000	<	0.000
126	di_data_err250_25	388	388	0.00	3.00	0.00	>	0.000	<	0.000
127	pump_set_200_25	388	0	100.00	100.00	97.00	>	0.000	<	500.000
128	trail_edge_33_25	388	2	99.48	99.50	96.50	>	0.000	<	10.000
129	status_ctr_33_25	388	0	100.00	100.00	97.00	>	0.000	<	100.000
130	di_lodlk_freq1_1x_25	388	0	100.00	100.00	97.00	>	0.000	<	0.000
131	di_r_gb_phase_25	388	375	3.09	5.00	3.00	>	0.000	<	0.000
132	di_r_count_25	388	378	2.58	5.50	2.50	>	0.000	<	0.000
133	di_g_count_25	388	378	2.58	5.50	2.50	>	0.000	<	0.000
134	di_l_b_count_25	388	376	3.09	6.00	3.00	>	0.000	<	0.000
135	di_data_err200_25	388	379	2.32	5.25	2.25	>	0.000	<	0.000
136	pump_set_150_25	388	0	100.00	100.00	97.00	>	0.000	<	500.000
137	trail_edge_33_25	388	0	100.00	100.00	97.00	>	0.000	<	10.000
138	status_ctr_33_25	388	0	100.00	100.00	97.00	>	0.000	<	100.000
139	di_lodlk_freq1_1x_25	388	0	100.00	100.00	97.00	>	0.000	<	0.000

149	di_r,g_b_phase_25	388	3	99.23	99.25	96.25	1	0.000	0.000
150	di_r,g_phase_25	388	2	99.48	99.50	96.50	1	0.000	0.000
151	di_l_count_25	388	2	99.48	99.50	96.50	1	0.000	0.000
152	di_l_count_25	388	2	99.48	99.50	96.50	1	0.000	0.000
153	di_l_count_25	388	3	99.23	99.25	96.25	1	0.000	0.000
154	pump_set_100_25	388	4	98.97	99.00	96.00	1	0.000	0.000
155	trail_edge_33_25	388	0	100.00	100.00	97.00	1	0.000	300.000
156	trail_edge_33_25	388	0	100.00	100.00	97.00	1	0.000	10.000
157	status_cnr_33_25	388	0	100.00	100.00	97.00	1	0.000	100.000
158	di_dclk_freq_1X_25	388	0	100.00	100.00	97.00	1	0.000	0.000
159	di_r,g_b_phase_25	388	3	99.23	99.25	96.25	1	0.000	0.000
160	di_r,g_phase_25	388	2	99.48	99.50	96.50	1	0.000	0.000
161	di_l_count_25	388	4	98.97	99.00	96.00	1	0.000	0.000
162	di_l_count_25	388	7	98.20	98.25	95.25	1	0.000	0.000
163	pump_set_50_25	388	0	100.00	100.00	97.00	1	0.000	300.000
164	trail_edge_33_25	388	0	100.00	100.00	97.00	1	0.000	10.000
165	status_cnr_33_25	388	0	100.00	100.00	97.00	1	0.000	100.000
166	di_dclk_freq_1X_25	388	0	100.00	100.00	97.00	1	0.000	0.000
167	di_r,g_b_phase_25	388	8	97.94	98.00	95.00	1	0.000	0.000
168	di_l_count_25	388	6	98.45	98.50	95.50	1	0.000	0.000
169	dg_l_count_25	388	6	98.45	98.50	95.50	1	0.000	0.000
170	di_l_count_25	388	6	98.45	98.50	95.50	1	0.000	0.000
171	di_l_count_25	388	9	97.68	97.75	94.75	1	0.000	0.000
172	pump_set_33_30	388	0	100.00	100.00	97.00	1	0.000	500.000
173	trail_edge_33_30	388	196	94.48	91.00	84.00	1	0.000	10.000
174	status_cnr_33_30	388	0	100.00	100.00	97.00	1	0.000	100.000
175	di_dclk_freq_1X_30	388	0	100.00	100.00	97.00	1	0.000	0.000
176	di_r,g_b_phase_30	388	189	51.29	52.75	49.75	1	0.000	0.000
177	di_l_count_30	388	388	0.00	2.00	0.00	1	0.000	0.000
178	dg_l_count_30	388	388	0.00	2.00	0.00	1	0.000	0.000
179	di_l_count_30	388	388	0.00	3.00	0.00	1	0.000	0.000
180	di_l_count_30	388	388	0.00	3.00	0.00	1	0.000	0.000
181	pump_set_250_30	388	0	100.00	100.00	97.00	1	0.000	500.000
182	trail_edge_33_30	388	2	99.48	99.50	96.50	1	0.000	10.000
183	status_cnr_33_30	388	0	100.00	100.00	97.00	1	0.000	100.000
184	di_dclk_freq_1X_30	388	0	100.00	100.00	97.00	1	0.000	0.000
185	di_r,g_b_phase_30	388	321	17.27	19.75	16.75	1	0.000	0.000
186	di_l_count_30	388	311	19.85	22.25	19.25	1	0.000	0.000
187	dg_l_count_30	388	319	17.78	20.25	17.25	1	0.000	0.000
188	di_l_count_30	388	327	21.72	18.25	15.25	1	0.000	0.000
189	di_l_count_30	388	333	24.18	15.75	13.75	1	0.000	0.000
190	pump_set_200_30	388	0	100.00	100.00	97.00	1	0.000	500.000
191	trail_edge_33_30	388	0	100.00	100.00	97.00	1	0.000	10.000
192	status_cnr_33_30	388	0	100.00	100.00	97.00	1	0.000	100.000
193	di_dclk_freq_1X_30	388	0	100.00	100.00	97.00	1	0.000	0.000
194	di_r,g_b_phase_30	388	3	99.23	99.25	96.25	1	0.000	0.000
195	di_l_count_30	388	2	99.48	99.50	96.50	1	0.000	0.000
196	dg_l_count_30	388	2	99.48	99.50	96.50	1	0.000	0.000
197	di_l_count_30	388	2	99.48	99.50	96.50	1	0.000	0.000
198	di_l_count_30	388	3	99.23	99.25	96.25	1	0.000	0.000
199	di_l_count_30	388	0	100.00	100.00	97.00	1	0.000	500.000
200	trail_edge_33_30	388	0	100.00	100.00	97.00	1	0.000	10.000
201	status_cnr_33_30	388	0	100.00	100.00	97.00	1	0.000	100.000
202	di_dclk_freq_1X_30	388	0	100.00	100.00	97.00	1	0.000	0.000
203	di_r,g_b_phase_30	388	1	99.74	99.75	96.75	1	0.000	0.000
204	di_l_count_30	388	0	100.00	100.00	97.00	1	0.000	0.000
205	dg_l_count_30	388	0	100.00	100.00	97.00	1	0.000	0.000
206	di_l_count_30	388	0	100.00	100.00	97.00	1	0.000	0.000
207	di_l_count_30	388	1	99.74	99.75	96.75	1	0.000	0.000
208	pump_set_100_30	388	0	100.00	100.00	97.00	1	0.000	300.000
209	trail_edge_33_30	388	0	100.00	100.00	97.00	1	0.000	10.000
210	status_cnr_33_30	388	0	100.00	100.00	97.00	1	0.000	100.000
211	di_dclk_freq_1X_30	388	0	100.00	100.00	97.00	1	0.000	0.000
212	di_r,g_b_phase_30	388	1	99.74	99.75	96.75	1	0.000	0.000
213	di_l_count_30	388	1	99.74	99.75	96.75	1	0.000	0.000
214	dg_l_count_30	388	1	99.74	99.75	96.75	1	0.000	0.000
215	di_l_count_30	388	1	99.74	99.75	96.75	1	0.000	0.000
216	di_l_count_30	388	1	99.74	99.75	96.75	1	0.000	0.000
217	pump_set_75_30	388	0	100.00	100.00	97.00	1	0.000	300.000
218	trail_edge_33_30	388	0	100.00	100.00	97.00	1	0.000	10.000
219	status_cnr_33_30	388	0	100.00	100.00	97.00	1	0.000	100.000
220	di_dclk_freq_1X_30	388	0	100.00	100.00	97.00	1	0.000	0.000
221	di_r,g_b_phase_30	388	3	99.23	99.25	96.25	1	0.000	0.000
222	di_l_count_30	388	3	99.23	99.25	96.25	1	0.000	0.000
223	dg_l_count_30	388	3	99.23	99.25	96.25	1	0.000	0.000
224	di_l_count_30	388	3	99.23	99.25	96.25	1	0.000	0.000
225	di_l_count_30	388	3	99.23	99.25	96.25	1	0.000	0.000
226	di_l_count_30	388	4	98.97	99.00	96.00	1	0.000	0.000
226	pump_set_50_30	388	0	100.00	100.00	97.00	1	0.000	300.000

227	trail_edge_33_12	388	0	100.00	100.00	97.00	1	0.000	0	10.000
228	status_cnr_33_120	388	0	100.00	100.00	97.00	1	0.000	0	100.000
229	di_adclk_fred_1x_12	388	0	100.00	100.00	97.00	1	0.000	0	0.000
230	di_r_g_b_phase_30	388	7	98.20	98.25	95.25	1	0.000	0	0.000
231	di_r_count_30	388	7	98.20	98.25	95.25	1	0.000	0	0.000
232	di_g_count_30	388	7	98.20	98.25	95.25	1	0.000	0	0.000
233	di_b_count_30	388	7	98.20	98.25	95.25	1	0.000	0	0.000
234	di_data_err39_30	388	8	97.94	98.00	95.00	1	0.000	0	0.000
235	pump_set_400_112	388	0	100.00	100.00	97.00	1	0.000	0	500.000
236	trail_edge_33_112	388	0	100.00	100.00	97.00	1	0.000	0	10.000
237	status_cnr_33_112	388	0	100.00	100.00	97.00	1	0.000	0	100.000
238	di_adclk_fred_1x_112	388	0	100.00	100.00	97.00	1	0.000	0	0.000
239	di_r_g_b_phase_112	388	279	99.09	96.25	27.25	1	0.000	0	0.000
240	di_r_count_112	388	253	92.22	34.25	31.25	1	0.000	0	0.000
241	di_g_count_112	388	259	33.25	35.25	32.25	1	0.000	0	0.000
242	di_b_count_112	388	279	30.41	32.50	29.50	1	0.000	0	0.000
243	di_data_err400_112	388	283	27.06	29.25	26.25	1	0.000	0	500.000
244	pump_set_350_112	388	0	100.00	100.00	97.00	1	0.000	0	500.000
245	trail_edge_33_112	388	0	100.00	100.00	97.00	1	0.000	0	10.000
246	status_cnr_33_112	388	0	100.00	100.00	97.00	1	0.000	0	100.000
247	di_adclk_fred_1x_112	388	1	99.74	99.75	96.75	1	0.000	0	0.000
248	di_r_g_b_phase_112	388	32	91.75	92.00	89.00	1	0.000	0	0.000
249	di_r_count_112	388	31	92.01	92.25	89.25	1	0.000	0	0.000
250	di_g_count_112	388	33	91.49	91.75	88.75	1	0.000	0	0.000
251	di_b_count_112	388	33	91.09	91.75	88.75	1	0.000	0	0.000
252	di_data_err390_112	388	34	91.24	91.50	88.50	1	0.000	0	0.000
253	pump_set_325_112	388	0	100.00	100.00	97.00	1	0.000	0	500.000
254	trail_edge_33_112	388	0	100.00	100.00	97.00	1	0.000	0	10.000
255	status_cnr_33_112	388	0	100.00	100.00	97.00	1	0.000	0	100.000
256	di_adclk_fred_1x_112	388	1	99.74	99.75	96.75	1	0.000	0	0.000
257	di_r_g_b_phase_112	388	13	96.67	96.75	93.75	1	0.000	0	0.000
258	di_r_count_112	388	12	96.91	97.00	94.00	1	0.000	0	0.000
259	di_g_count_112	388	12	96.91	97.00	94.00	1	0.000	0	0.000
260	di_b_count_112	388	13	96.65	96.75	93.75	1	0.000	0	0.000
261	di_data_err325_112	388	13	96.65	96.75	93.75	1	0.000	0	0.000
262	pump_set_300_112	388	0	100.00	100.00	97.00	1	0.000	0	500.000
263	trail_edge_33_112	388	0	100.00	100.00	97.00	1	0.000	0	10.000
264	status_cnr_33_112	388	0	100.00	100.00	97.00	1	0.000	0	100.000
265	di_adclk_fred_1x_112	388	0	100.00	100.00	97.00	1	0.000	0	0.000
266	di_r_g_b_phase_112	388	4	98.97	99.00	96.00	1	0.000	0	0.000
267	di_r_count_112	388	5	98.71	98.75	95.75	1	0.000	0	0.000
268	di_g_count_112	388	5	98.71	98.75	95.75	1	0.000	0	0.000
269	di_b_count_112	388	5	98.71	98.75	95.75	1	0.000	0	0.000
270	di_data_err300_112	388	5	98.71	98.75	95.75	1	0.000	0	0.000
271	pump_set_250_112	388	0	100.00	100.00	97.00	1	0.000	0	300.000
272	trail_edge_33_112	388	0	100.00	100.00	97.00	1	0.000	0	10.000
273	status_cnr_33_112	388	0	100.00	100.00	97.00	1	0.000	0	100.000
274	di_adclk_fred_1x_112	388	0	100.00	100.00	97.00	1	0.000	0	0.000
275	di_r_g_b_phase_112	388	0	100.00	100.00	97.00	1	0.000	0	0.000
276	di_r_count_112	388	2	99.48	99.50	96.50	1	0.000	0	0.000
277	di_g_count_112	388	2	99.48	99.50	96.50	1	0.000	0	0.000
278	di_b_count_112	388	2	99.48	99.50	96.50	1	0.000	0	0.000
279	di_data_err250_112	388	2	99.48	99.50	96.50	1	0.000	0	0.000
280	pump_set_200_112	388	0	100.00	100.00	97.00	1	0.000	0	300.000
281	trail_edge_33_112	388	0	100.00	100.00	97.00	1	0.000	0	10.000
282	status_cnr_33_112	388	0	100.00	100.00	97.00	1	0.000	0	100.000
283	di_adclk_fred_1x_112	388	0	100.00	100.00	97.00	1	0.000	0	0.000
284	di_r_g_b_phase_112	388	2	99.48	99.50	96.50	1	0.000	0	0.000
285	di_r_count_112	388	3	99.23	99.25	96.25	1	0.000	0	0.000
286	di_g_count_112	388	3	99.23	99.25	96.25	1	0.000	0	0.000
287	di_b_count_112	388	3	99.23	99.25	96.25	1	0.000	0	0.000
288	di_data_err200_112	388	3	99.23	99.25	96.25	1	0.000	0	0.000
289	pump_set_150_112	388	0	100.00	100.00	97.00	1	0.000	0	300.000
290	trail_edge_33_112	388	0	100.00	100.00	97.00	1	0.000	0	10.000
291	status_cnr_33_112	388	0	100.00	100.00	97.00	1	0.000	0	100.000
292	di_adclk_fred_1x_112	388	0	100.00	100.00	97.00	1	0.000	0	0.000
293	di_r_g_b_phase_112	388	2	99.48	99.50	96.50	1	0.000	0	0.000
294	di_r_count_112	388	2	99.48	99.50	96.50	1	0.000	0	0.000
295	di_g_count_112	388	1	99.74	99.75	96.75	1	0.000	0	0.000
296	di_b_count_112	388	1	99.74	99.75	96.75	1	0.000	0	0.000
297	di_data_err150_112	388	2	99.48	99.50	96.50	1	0.000	0	0.000
298	pump_set_100_112	388	0	100.00	100.00	97.00	1	0.000	0	500.000
299	trail_edge_33_112	388	0	100.00	100.00	97.00	1	0.000	0	10.000
300	status_cnr_33_112	388	0	100.00	100.00	97.00	1	0.000	0	100.000
301	di_adclk_fred_1x_112	388	3	99.23	99.25	96.25	1	0.000	0	0.000
302	di_r_g_b_phase_112	388	6	98.45	98.50	95.50	1	0.000	0	0.000
303	di_r_count_112	388	4	98.97	99.00	96.00	1	0.000	0	0.000
304	di_g_count_112	388	5	98.71	98.75	95.50	1	0.000	0	0.000
305	di_b_count_112	388	6	98.45	98.50	95.50	1	0.000	0	0.000
306	di_data_err100_112	388	7	98.20	98.25	95.25	1	0.000	0	0.000
307	pump_set_75_112	388	0	100.00	100.00	97.00	1	0.000	0	500.000
308	trail_edge_33_112	388	0	100.00	100.00	97.00	1	0.000	0	10.000
309	status_cnr_33_112	388	0	100.00	100.00	97.00	1	0.000	0	100.000
310	di_adclk_fred_1x_112	388	1	99.74	99.75	96.75	1	0.000	0	0.000
311	di_r_g_b_phase_112	388	5	98.71	98.75	95.75	1	0.000	0	0.000
312	di_r_count_112	388	4	98.97	99.00	96.00	1	0.000	0	0.000
313	di_g_count_112	388	4	98.97	99.00	96.00	1	0.000	0	0.000

311	di_latch,ctr33,140	388	5	98.71	98.70	95.70	>	0.000	<	0.000
315	di_latch,ctr75,112	388	5	98.71	98.75	95.75	>	0.000	<	0.000
316	pump_set_50,112	388	0	100.00	100.00	97.00	>	0.000	<	500.000
317	trail_edge_33,112	388	0	100.00	100.00	97.00	>	0.000	<	10.000
318	status_cnr_33,112	388	0	100.00	100.00	97.00	>	0.000	<	100.000
319	di_latch,freq_1X,112	388	0	100.00	100.00	97.00	>	0.000	<	0.000
320	di_r_count_112	388	6	98.45	98.50	95.50	>	0.000	<	0.000
321	di_latch,ctr112	388	6	98.45	98.50	95.50	>	0.000	<	0.000
322	di_g_count_112	388	6	98.45	98.50	95.50	>	0.000	<	0.000
323	di_b_count_112	388	6	98.45	98.50	95.50	>	0.000	<	0.000
324	di_data,err50,112	388	6	98.45	98.50	95.50	>	0.000	<	0.000
325	pump_set_400,140	388	0	100.00	100.00	97.00	>	0.000	<	500.000
326	trail_edge_33,140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
327	status_cnr_33,140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
328	di_latch,freq_1X,140	388	0	100.00	100.00	97.00	>	0.000	<	0.000
329	di_r_g_b_phase_140	388	216	44.33	46.00	43.00	>	0.000	<	0.000
330	di_r_count_140	388	204	47.42	49.00	46.00	>	0.000	<	0.000
331	di_g_count_140	388	204	47.42	49.00	46.00	>	0.000	<	0.000
332	di_b_count_140	388	204	47.42	49.00	46.00	>	0.000	<	0.000
333	di_data,err300,140	388	204	47.42	49.00	46.00	>	0.000	<	0.000
334	pump_set_300,140	388	0	100.00	100.00	97.00	>	0.000	<	500.000
335	trail_edge_33,140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
336	status_cnr_33,140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
337	di_latch,freq_1X,140	388	0	100.00	100.00	97.00	>	0.000	<	0.000
338	di_r_count_140	388	58	97.11	87.50	84.50	>	0.000	<	0.000
339	di_g_count_140	388	46	98.14	85.50	82.50	>	0.000	<	0.000
340	di_b_count_140	388	39	89.95	90.25	87.25	>	0.000	<	0.000
341	di_latch,ctr140	388	37	90.46	90.75	87.75	>	0.000	<	0.000
342	di_data,err350,140	388	52	86.60	87.00	84.00	>	0.000	<	0.000
343	pump_set_325,140	388	0	100.00	100.00	97.00	>	0.000	<	500.000
344	trail_edge_33,140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
345	status_cnr_33,140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
346	di_latch,freq_1X,140	388	0	100.00	100.00	97.00	>	0.000	<	0.000
347	di_r_g_b_phase_140	388	18	95.36	95.50	92.50	>	0.000	<	0.000
348	di_r_count_140	388	10	97.42	97.50	94.50	>	0.000	<	0.000
349	di_g_count_140	388	13	96.65	96.75	93.75	>	0.000	<	0.000
350	di_b_count_140	388	10	97.42	97.50	94.50	>	0.000	<	0.000
351	di_data,err350,140	388	14	95.36	95.50	92.50	>	0.000	<	0.000
352	pump_set_300,140	388	0	100.00	100.00	97.00	>	0.000	<	500.000
353	trail_edge_33,140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
354	status_cnr_33,140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
355	di_latch,freq_1X,140	388	0	100.00	100.00	97.00	>	0.000	<	0.000
356	di_r_count_140	388	13	95.36	96.50	93.50	>	0.000	<	0.000
357	di_g_count_140	388	5	98.71	98.75	95.75	>	0.000	<	0.000
358	di_b_count_140	388	5	98.71	98.75	95.75	>	0.000	<	0.000
359	di_latch,ctr140	388	5	98.71	98.75	95.75	>	0.000	<	0.000
360	di_data,err300,140	388	13	96.65	96.75	93.75	>	0.000	<	0.000
361	pump_set_250,140	388	0	100.00	100.00	97.00	>	0.000	<	300.000
362	trail_edge_33,140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
363	status_cnr_33,140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
364	di_latch,freq_1X,140	388	0	100.00	100.00	97.00	>	0.000	<	0.000
365	di_r_g_b_phase_140	388	17	95.62	95.75	92.75	>	0.000	<	0.000
366	di_r_count_140	388	5	98.71	98.75	95.75	>	0.000	<	0.000
367	di_g_count_140	388	11	97.16	97.25	94.25	>	0.000	<	0.000
368	di_b_count_140	388	10	97.42	97.50	94.50	>	0.000	<	0.000
369	di_data,err250,140	388	17	95.62	95.75	92.75	>	0.000	<	0.000
370	pump_set_200,140	388	0	100.00	100.00	97.00	>	0.000	<	300.000
371	trail_edge_33,140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
372	status_cnr_33,140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
373	di_latch,freq_1X,140	388	0	100.00	100.00	97.00	>	0.000	<	0.000
374	di_r_count_140	388	18	95.36	96.50	93.50	>	0.000	<	0.000
375	di_g_count_140	388	7	98.20	98.25	95.25	>	0.000	<	0.000
376	di_b_count_140	388	14	96.39	96.50	93.50	>	0.000	<	0.000
377	di_latch,ctr140	388	10	97.42	97.50	94.50	>	0.000	<	0.000
378	di_data,err200,140	388	19	95.18	95.25	92.25	>	0.000	<	0.000
379	pump_set_150,140	388	0	100.00	100.00	97.00	>	0.000	<	300.000
380	trail_edge_33,140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
381	status_cnr_33,140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
382	di_latch,freq_1X,140	388	0	100.00	100.00	97.00	>	0.000	<	0.000
383	di_r_g_b_phase_140	388	17	95.62	95.75	92.75	>	0.000	<	0.000
384	di_r_count_140	388	5	98.71	98.75	95.75	>	0.000	<	0.000
385	di_g_count_140	388	18	97.42	97.50	94.50	>	0.000	<	0.000
386	di_b_count_140	388	6	95.45	95.50	92.50	>	0.000	<	0.000
387	di_data,err150,140	388	17	95.62	95.75	92.75	>	0.000	<	0.000
388	pump_set_100,140	388	0	100.00	100.00	97.00	>	0.000	<	300.000
389	trail_edge_33,140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
390	status_cnr_33,140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
391	di_latch,freq_1X,140	388	0	100.00	100.00	97.00	>	0.000	<	0.000
392	di_r_count_140	388	22	94.33	94.50	91.50	>	0.000	<	0.000
393	di_g_count_140	388	10	97.42	97.50	94.50	>	0.000	<	0.000
394	di_b_count_140	388	15	96.13	96.25	93.25	>	0.000	<	0.000
395	di_latch,ctr140	388	10	97.42	97.50	94.50	>	0.000	<	0.000
396	di_data,err100,140	388	22	94.33	94.50	91.50	>	0.000	<	0.000
397	pump_set_80,140	388	0	100.00	100.00	97.00	>	0.000	<	300.000
398	trail_edge_33,140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
399	status_cnr_33,140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
400	di_latch,freq_1X,140	388	0	100.00	100.00	97.00	>	0.000	<	0.000

401	di_l_r_count_140	388	20	94.45	95.00	92.00	>	0.000	<	0.000
402	di_l_count_140	388	19	97.42	97.50	94.50	>	0.000	<	0.000
403	di_l_count_140	388	12	96.91	97.00	94.00	>	0.000	<	0.000
404	di_l_count_140	388	7	98.20	98.25	95.25	>	0.000	<	0.000
405	di_data_err75_140	388	20	94.85	95.00	92.00	>	0.000	<	0.000
406	pump_set_50_140	388	0	100.00	100.00	97.00	>	0.000	<	300.000
407	trail_edge_33_140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
408	status_centr_33_140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
409	di_lodlk_freq1X_140	388	0	100.00	100.00	97.00	>	0.000	<	0.000
410	di_l_g_phase_140	388	13	96.65	96.75	93.75	>	0.000	<	0.000
411	di_l_r_count_140	388	9	97.68	97.75	94.75	>	0.000	<	0.000
412	di_l_g_count_140	388	10	97.42	97.50	94.50	>	0.000	<	0.000
413	di_l_g_count_140	388	10	97.42	97.50	94.50	>	0.000	<	0.000
414	di_lodlk_freq1X_140	388	13	96.65	96.75	93.75	>	0.000	<	0.000
415	tx_current.vol_170	388	13	96.65	96.75	93.75	>	0.000	<	0.002
416	tx_volt.vol_170	388	0	100.00	100.00	97.00	>	0.000	<	4.000
417	tx_current.vol_170	388	18	95.36	95.50	92.50	>	0.000	<	0.002
418	tx_volt.vol_170	388	0	100.00	100.00	97.00	>	0.000	<	4.000
419	pump_set_400_170	388	0	100.00	100.00	97.00	>	0.000	<	500.000
420	trail.edge_33_170	388	0	100.00	100.00	97.00	>	0.000	<	10.000
421	status_centr_33_170	388	0	100.00	100.00	97.00	>	0.000	<	100.000
422	di_lodlk_freq2_X_170	388	0	100.00	100.00	97.00	>	0.000	<	0.000
423	di_l_g_phase_2X_170	388	199	48.71	50.25	47.25	>	0.000	<	0.000
424	di_l_r_count_2X_170	388	192	50.52	52.00	49.00	>	0.000	<	0.000
425	di_l_g_count_2X_170	388	194	51.40	51.50	48.50	>	0.000	<	0.000
426	di_l_r_count_2X_170	388	192	50.52	52.00	49.00	>	0.000	<	0.000
427	di_channel_B_2X_170	388	167	56.96	58.25	55.25	>	0.000	<	0.000
428	di_data_err400_2X_170	388	201	48.20	49.75	46.75	>	0.000	<	0.000
429	pump_set_350_170	388	0	100.00	100.00	97.00	>	0.000	<	500.000
430	trail.edge_33_170	388	0	100.00	100.00	97.00	>	0.000	<	10.000
431	status_centr_33_170	388	0	100.00	100.00	97.00	>	0.000	<	100.000
432	di_lodlk_freq2_X_170	388	0	100.00	100.00	97.00	>	0.000	<	0.000
433	di_l_g_phase_2X_170	388	105	72.94	73.75	70.75	>	0.000	<	0.000
434	di_l_r_count_2X_170	388	100	74.23	75.00	72.00	>	0.000	<	0.000
435	di_l_g_count_2X_170	388	90	76.80	77.50	74.50	>	0.000	<	0.000
436	di_b_count_2X_170	388	92	76.29	77.00	74.00	>	0.000	<	0.000
437	di_lodlk_freq2_X_170	388	47	87.89	88.15	85.25	>	0.000	<	0.000
438	di_data_err350_2X_170	388	100	91.91	92.75	90.75	>	0.000	<	0.000
439	pump_set_325_170	388	0	100.00	100.00	97.00	>	0.000	<	500.000
440	trail.edge_33_170	388	0	100.00	100.00	97.00	>	0.000	<	10.000
441	status_centr_33_170	388	0	100.00	100.00	97.00	>	0.000	<	100.000
442	di_lodlk_freq2_X_170	388	0	100.00	100.00	97.00	>	0.000	<	0.000
443	di_l_g_phase_2X_170	388	34	91.24	91.40	88.50	>	0.000	<	0.000
444	di_l_r_count_2X_170	388	35	91.24	91.25	88.25	>	0.000	<	0.000
445	di_l_g_count_2X_170	388	30	92.27	92.50	89.50	>	0.000	<	0.000
446	di_b_count_2X_170	388	30	92.27	92.50	89.50	>	0.000	<	0.000
447	di_channel_B_2X_170	388	15	96.13	96.25	93.25	>	0.000	<	0.000
448	di_data_err325_2X_170	388	0	100.00	100.00	97.00	>	0.000	<	500.000
449	trail.edge_33_170	388	0	100.00	100.00	97.00	>	0.000	<	10.000
450	status_centr_33_170	388	0	100.00	100.00	97.00	>	0.000	<	100.000
451	di_lodlk_freq2_X_170	388	0	100.00	100.00	97.00	>	0.000	<	0.000
452	di_l_g_phase_2X_170	388	0	100.00	100.00	97.00	>	0.000	<	0.000
453	di_l_r_count_2X_170	388	30	92.27	92.50	89.50	>	0.000	<	0.000
454	di_l_g_count_2X_170	388	25	93.56	93.75	90.50	>	0.000	<	0.000
455	di_l_r_count_2X_170	388	22	93.53	94.00	91.50	>	0.000	<	0.000
456	di_l_g_count_2X_170	388	17	95.62	95.75	92.75	>	0.000	<	0.000
457	di_channel_B_2X_170	388	9	97.68	97.75	94.75	>	0.000	<	0.000
458	di_data_err300_2X_170	388	30	92.27	92.50	89.50	>	0.000	<	0.000
459	pump_set_250_170	388	0	100.00	100.00	97.00	>	0.000	<	500.000
460	trail.edge_33_170	388	0	100.00	100.00	97.00	>	0.000	<	10.000
461	status_centr_33_170	388	0	100.00	100.00	97.00	>	0.000	<	100.000
462	di_lodlk_freq2_X_170	388	0	100.00	100.00	97.00	>	0.000	<	0.000
463	di_l_g_phase_2X_170	388	18	95.36	95.50	92.50	>	0.000	<	0.000
464	di_l_r_count_2X_170	388	17	95.62	95.75	92.75	>	0.000	<	0.000
465	di_l_g_count_2X_170	388	14	96.39	96.50	93.50	>	0.000	<	0.000
466	di_l_r_count_2X_170	388	11	97.16	97.25	94.25	>	0.000	<	0.000
467	di_lodlk_freq2_X_170	388	9	96.68	97.50	94.50	>	0.000	<	0.000
468	di_data_err250_2X_170	388	18	95.36	95.50	92.50	>	0.000	<	0.000
469	pump_set_200_170	388	0	100.00	100.00	97.00	>	0.000	<	500.000
470	trail.edge_33_170	388	0	100.00	100.00	97.00	>	0.000	<	10.000
471	status_centr_33_170	388	0	100.00	100.00	97.00	>	0.000	<	100.000
472	di_lodlk_freq2_X_170	388	0	100.00	100.00	97.00	>	0.000	<	0.000
473	di_l_g_phase_2X_170	388	10	97.42	97.50	94.50	>	0.000	<	0.000
474	di_l_r_count_2X_170	388	10	97.42	97.50	94.50	>	0.000	<	0.000
475	di_l_g_count_2X_170	388	9	97.68	97.75	94.75	>	0.000	<	0.000
476	di_b_count_2X_170	388	9	97.68	97.75	94.75	>	0.000	<	0.000
477	di_channel_B_2X_170	388	6	98.45	98.50	95.50	>	0.000	<	0.000
478	di_lodlk_freq2_X_170	388	18	97.42	97.50	94.50	>	0.000	<	0.000
479	pump_set_150_170	388	0	100.00	100.00	97.00	>	0.000	<	500.000
480	trail.edge_33_170	388	0	100.00	100.00	97.00	>	0.000	<	10.000
481	status_centr_33_170	388	0	100.00	100.00	97.00	>	0.000	<	100.000
482	di_lodlk_freq2_X_170	388	0	100.00	100.00	97.00	>	0.000	<	0.000
483	di_sync_rise_2X_170	388	9	97.68	97.75	94.75	>	0.000	<	0.000
484	di_lodlk_freq2_X_170	388	9	97.68	97.75	94.75	>	0.000	<	0.000
485	di_l_g_phase_2X_170	388	14	96.39	96.50	93.50	>	0.000	<	0.000
486	di_r_count_2X_170	388	9	97.68	97.75	94.75	>	0.000	<	0.000
487	di_l_g_count_2X_170	388	14	96.39	96.50	93.50	>	0.000	<	0.000

488	di_chomel_B_2X_170	388	9	57.68	37.75	94.75	1	0.000	1	0.000
489	di_chomel_B_2X_170	388	8	57.64	36.00	95.00	1	0.000	1	0.000
490	di_doto,err150_ZX_170	388	14	96.39	96.50	93.50	1	0.000	1	0.000
491	pump_set_100_170	388	0	100.00	100.00	97.00	1	0.000	1	500.000
492	trail_edge_33_170	388	0	100.00	100.00	97.00	1	0.000	1	10.000
493	status_centr_33_170	388	0	100.00	100.00	97.00	1	0.000	1	100.000
494	di_dots,edge_2X_170	388	0	100.00	100.00	97.00	1	0.000	1	10.000
495	di_dots_b_photon_2X_170	388	10	57.42	97.50	94.75	1	0.000	1	0.000
496	di_r_count_2L_170	388	9	57.68	97.75	94.75	1	0.000	1	0.000
497	di_g_count_2L_170	388	10	57.42	97.50	94.50	1	0.000	1	0.000
498	di_b_count_2L_170	388	9	57.68	97.75	94.75	1	0.000	1	0.000
499	di_chomel_B_2X_170	388	8	57.94	98.00	95.00	1	0.000	1	0.000
500	di_dots,err150_ZX_170	388	10	57.42	97.50	94.50	1	0.000	1	0.000
501	pump_set_50_170	388	0	100.00	100.00	97.00	1	0.000	1	500.000
502	trail_edge_33_170	388	0	100.00	100.00	97.00	1	0.000	1	10.000
503	status_centr_33_170	388	0	100.00	100.00	97.00	1	0.000	1	100.000
504	di_dots,freq_2X_170	388	0	100.00	100.00	97.00	1	0.000	1	0.000
505	di_r,g_b_photon_2X_170	388	18	95.36	95.50	92.50	1	0.000	1	0.000
506	di_r_count_2X_170	388	14	96.39	96.50	93.50	1	0.000	1	0.000
507	di_dots,edge_2X_170	388	0	100.00	100.00	97.00	1	0.000	1	10.000
508	di_b_count_2L_170	388	11	97.16	97.25	94.25	1	0.000	1	0.000
509	di_chomel_B_2X_170	388	9	97.68	97.75	94.75	1	0.000	1	0.000
510	di_dots,err75_ZX_170	388	15	95.36	95.50	92.50	1	0.000	1	0.000
511	pump_set_50_170	388	0	100.00	100.00	97.00	1	0.000	1	500.000
512	trail_edge_33_170	388	0	100.00	100.00	97.00	1	0.000	1	10.000
513	status_centr_33_170	388	0	100.00	100.00	97.00	1	0.000	1	100.000
514	di_dots,freq_2X_170	388	0	100.00	100.00	97.00	1	0.000	1	0.000
515	di_r,g_b_photon_2X_170	388	18	95.36	95.50	92.50	1	0.000	1	0.000
516	di_r_count_2L_170	388	13	96.65	96.75	93.75	1	0.000	1	0.000
517	di_g_count_2X_170	388	15	95.13	96.25	93.25	1	0.000	1	0.000
518	di_dots,edge_2X_170	388	10	99.42	97.50	94.50	1	0.000	1	0.000
519	di_chomel_B_2X_170	388	9	99.42	97.50	94.50	1	0.000	1	0.000
520	di_dots,err50_ZX_170	388	13	95.36	95.50	92.50	1	0.000	1	0.000
521	di_output,grey_2X_170	388	0	100.00	100.00	97.00	1	-1.000	1	85.000
522	di_pil,grey_2X_170	388	0	100.00	100.00	97.00	1	5.000	1	300.000
523	di_chip,grey_2X_170	388	0	100.00	100.00	97.00	1	80.000	1	470.000
524	di_total,grey_2X_170	388	0	100.00	100.00	97.00	1	85.000	1	460.000
525	di_pump,grey_2X_170	388	0	100.00	100.00	97.00	1	280.500	1	2,164.03
526	di_dots,edge_2X_170	388	0	100.00	100.00	97.00	1	-1.000	1	180.000
527	di_pil,grey_1	388	0	100.00	100.00	97.00	1	5.000	1	300.000
528	di_chip,grey_1	388	2	99.48	99.50	96.50	1	80.000	1	400.000
529	di_total,grey_1	388	0	100.00	100.00	97.00	1	85.000	1	735.000
530	di_power,grey_1	388	0	100.00	100.00	97.00	1	280.000	1	2,726.03
531	di_dots,grey_1	388	0	100.00	100.00	97.00	1	-1.000	1	180.000
532	di_pil,grey_1	388	0	100.00	100.00	97.00	1	5.000	1	300.000
533	di_chip,grey_1	388	2	99.48	99.50	96.50	1	80.000	1	400.000
534	di_total,grey_1	388	0	100.00	100.00	97.00	1	85.000	1	735.000
535	di_power,grey_0	388	0	100.00	100.00	97.00	1	280.500	1	2,426.03
536	di_rdp,grey	388	0	100.00	100.00	97.00	1	40.000	1	185.000
537	di_dots,term	388	0	100.00	100.00	97.00	1	40.000	1	180.000
538	di_rdp,term	388	0	100.00	100.00	97.00	1	40.000	1	185.000
539	di_rln,term	388	0	100.00	100.00	97.00	1	40.000	1	195.000
540	di_rx2p,term	388	0	100.00	100.00	97.00	1	40.000	1	195.000
541	di_rx2n,term	388	0	100.00	100.00	97.00	1	40.000	1	195.000
542	di_rxcp,term	388	0	100.00	100.00	97.00	1	40.000	1	162.000
543	di_rxcp,term	388	0	100.00	100.00	97.00	1	40.000	1	162.000
544	di_output,bw_3_170	388	0	100.00	100.00	97.00	1	-1.000	1	180.000
545	di_pil,bw_3_170	388	2	99.48	99.50	96.50	1	5.000	1	150.000
546	di_chip,bw_3_170	388	0	100.00	100.00	97.00	1	80.000	1	450.000
547	di_total,bw_3_170	388	0	100.00	100.00	97.00	1	85.000	1	735.000
548	di_pump,bw_3_170	388	0	100.00	100.00	97.00	1	280.500	1	2,366.03
549	dc_dip_3	388	0	100.00	100.00	97.00	1	-10.000	1	300.000
550	RD7A,edge_3	388	0	100.00	100.00	97.00	1	-10.000	1	300.000
551	di_cloth,heat_3	388	0	100.00	100.00	97.00	1	-10.000	1	300.000
552	di_cloth,vout_3	388	0	100.00	100.00	97.00	1	-10.000	1	300.000
553	di_mom_tr_tp3	388	0	100.00	100.00	97.00	1	-10.000	1	300.000
554	di_mom_tr_tp4bit_3	388	0	100.00	100.00	97.00	1	0.000	1	15.000
555	di_mom_tr_tp4bit_3	388	0	100.00	100.00	97.00	1	0.000	1	1.000
556	di_mom_tr_tp4bit_3	388	0	100.00	100.00	97.00	1	-10.000	1	300.000
557	di_mom_tr_tv_bit_3	388	0	100.00	100.00	97.00	1	0.000	1	15.000
558	di_mom_tr_tv_bit_3	388	0	100.00	100.00	97.00	1	0.000	1	3.000
559	di_min_tr_tp3	388	2	99.48	99.50	96.50	1	-10.000	1	300.000
560	di_min_tr_tp4bit_3	388	0	100.00	100.00	97.00	1	0.000	1	15.000
561	di_min_tr_tp4bit_3	388	0	100.00	100.00	97.00	1	0.000	1	3.000
562	di_min_tr_tv_3	388	2	99.48	99.50	96.50	1	-10.000	1	300.000
563	di_min_tr_tv_bit_3	388	0	100.00	100.00	97.00	1	0.000	1	15.000
564	di_min_tr_tv_bit_3	388	0	100.00	100.00	97.00	1	0.000	1	3.000
565	di_mox_tr_tv_3	388	0	100.00	100.00	97.00	1	-10.000	1	300.000
566	di_mox_tr_tv_bit_3	388	0	100.00	100.00	97.00	1	0.000	1	15.000
567	di_mox_tr_tv_bit_3	388	0	100.00	100.00	97.00	1	0.000	1	3.000
568	di_min_tr_time_3	388	0	100.00	100.00	97.00	1	-10.000	1	300.000
569	di_min_tr_bit_3	388	0	100.00	100.00	97.00	1	0.000	1	15.000
570	di_min_tr_bit_3	388	0	100.00	100.00	97.00	1	0.000	1	3.000
571	di_dotn_dotom_3	388	0	100.00	100.00	97.00	1	-10.000	1	300.000
572	di_dotn_dotom_3	388	0	100.00	100.00	97.00	1	0.000	1	15.000
573	di_dckb_tf_dotom_3	388	0	100.00	100.00	97.00	1	-10.000	1	300.000
574	di_dckb_tf_dotom_3	388	0	100.00	100.00	97.00	1	0.000	1	15.000

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1097	di_dckb_full_h_rise_0	388	0	100.00	100.00	97.00	≥ -10.000	≤ 300.000	r5
1098	di_dckb_rise_h_rise_0	388	0	100.00	100.00	97.00	≥ -10.000	≤ 300.000	r5
1099	di_dckb_fall_h_rise_0	388	0	100.00	100.00	97.00	≥ -10.000	≤ 300.000	r5
1100	di_dckb_rise_h_rise_0	388	0	100.00	100.00	97.00	≥ -10.000	≤ 300.000	r5
1101	di_dckb_fall_d_mld_0	388	0	100.00	100.00	97.00	≥ -10.000	≤ 300.000	r5
1102	di_dckb_rise_d_mld_0	388	0	100.00	100.00	97.00	≥ -10.000	≤ 300.000	r5
1103	di_dckb_fall_d_mld_0	388	0	100.00	100.00	97.00	≥ -10.000	≤ 300.000	r5
1104	di_dckb_rise_d_mld_0	388	0	100.00	100.00	97.00	≥ -10.000	≤ 300.000	r5
1105	di_dckb_hdc_0	388	0	100.00	100.00	97.00	≥ 0.000	≤ 100.000	
1106	di_dckb_hdc_0	388	0	100.00	100.00	97.00	≥ 0.000	≤ 100.000	
1107	di_dckb_d_dc_0	388	0	100.00	100.00	97.00	≥ 0.000	≤ 100.000	
1108	di_dckb_d_dc_0	388	0	100.00	100.00	97.00	≥ 0.000	≤ 100.000	
1109	HDCP_Bitloop	388	0	100.00	100.00	97.00	≥ 0.000	≤ 0.000	
1110	HDCP_loops	388	0	100.00	100.00	97.00	≥ 0.000	≤ 5.000	
1111	HDCP_RL_0	388	0	100.00	100.00	97.00	≥ 35.55E+03	≤ 35.55E+03	
1112	HDCP_key_ready	388	0	100.00	100.00	97.00	≥ 1.000	≤ 1.000	
1113	HDCP_trail_time	388	0	100.00	100.00	97.00	≥ -1.000	≤ 1.000	
1114	red_mask	388	1	99.74	99.75	96.75	≥ 0.000	≤ 0.000	
1115	red_mask_0	388	0	100.00	100.00	97.00	≥ 0.000	≤ 9.999E+03	
1116	red_mask_1	388	0	100.00	100.00	97.00	≥ 0.000	≤ 9.999E+03	
1117	grn_mask	388	1	99.74	99.75	96.75	≥ 0.000	≤ 0.000	
1118	grn_mask_0	388	0	100.00	100.00	97.00	≥ 0.000	≤ 9.999E+03	
1119	grn_mask_1	388	0	100.00	100.00	97.00	≥ 0.000	≤ 9.999E+03	
1120	blu_mask	388	1	99.74	99.75	96.75	≥ 0.000	≤ 0.000	
1121	blu_mask_0	388	0	100.00	100.00	97.00	≥ 0.000	≤ 9.999E+03	
1122	blu_mask_1	388	0	100.00	100.00	97.00	≥ 0.000	≤ 9.999E+03	
1123	HDCP_RL_1	388	6	98.45	98.50	95.50	≥ 24.91E+03	≤ 24.91E+03	
1124	thru-put_time	388	0	100.00	100.00	97.00	≥ 0.000	≤ 1.500E+03	
1125	dut_bin	388	0	100.00	100.00	97.00	≥ 0.000	≤ 1000.000	
-1	Test Site Number	388	0	100.00	100.00	97.00	≥	≤	
-2	Test Site Number	388	0	100.00	100.00	97.00	≥	N/A	
-3	Wafer Number	388	0	100.00	100.00	97.00	≥	N/A	
-4	Wafer X Coordinate	388	0	100.00	100.00	97.00	≥	N/A	
-5	Wafer Y Coordinate	388	0	100.00	100.00	97.00	≥	N/A	

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